

Date: Sat, 27 Aug 94 13:31:51 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #967
To: Info-Hams

Info-Hams Digest Sat, 27 Aug 94 Volume 94 : Issue 967

Today's Topics:

4 sale bussiness radios
ARLP035 Propagation de KT7H
Auto/Phone Patch
FT-11R Mods
Ham Radio BBS - New Mexico
I could use a Beverage
Info on UK operation needed.
IPS Daily Report - 26 August 94
Lightning Bolt Antennas
Need cards for Hickock 123 tube tester
Origin of "Elmer"?
Outbacker, Portable
pcfans.zip - Network survey & summaries of keeping PCs cool
PLSE INCLUDE SASE FOR DIRECT DX QSL CARDS!!!
PolyPhaser Corp. Preside
Santec fm-240 PL switch
Shuttle Freqs

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 26 Aug 1994 16:00:02 -0700
From: odin.community.net!odin.community.net!not-for-mail@uunet.uu.net
Subject: 4 sale bussiness radios
To: info-hams@ucsd.edu

I have for sale 3 business band radios for sale.

1 uniden HT 5 watts withs rapic charger and battery pack. has multiple channels. I don't know what the frequency for it is thought it is either near the 2m band or around the 900mhz part of the spectrum.

2 moblie unity they either put out 5 or 30 watts and are made by jhonson same frequency as the ht.

the HT is for sale for 50\$ and comes with the charger. the moblie rigs are 100\$.

Cash or money order please and I will meet almost any wear in the San Francisco Bay area. prefferably in solano county.

-Micah-

Date: Fri, 26 Aug 1994 18:24:07 EDT
From: psinntp!arrl.org!usenet@uunet.uu.net
Subject: ARLP035 Propagation de KT7H
To: info-hams@ucsd.edu

SB PROP @ ARL \$ARLP035
ARLP035 Propagation de KT7H

ZCZC AP49
QST de W1AW
Propagation Forecast Bulletin 35 ARLP035

Date: 25 Aug 1994 18:49:05 GMT
From: hplextra!news.dtc.hp.com!col.hp.com!jwc@hplabs.hpl.hp.com
Subject: Auto/Phone Patch
To: info-hams@ucsd.edu

Mike Basinger (dbasinge@silver.ucs.indiana.edu) wrote:
: I would like some more information on Auto/Phone Patch (when you can make
: phone calls with a ham radio). How does this work? Is it available in most
: parts of the country? What type of license or radio will I need to use
: this?

Phone patches on Amateur Radio repeaters are for the convenience of persons that allready have an amateur license.

The patch is for contacting family and friends AND summoning assistance when needed.

No business calls allowed.

If really interested in amateur radio then drop by local Radio Shack Store or your library and pick up the books on "Amateur Radio".

k

Date: 25 Aug 1994 17:43:32 -0700
From: cis.ohio-state.edu!math.ohio-state.edu!howland.reston.ans.net!agate!
hilbert.dnai.com!nic.scruz.net!garlic.com!garlic.com!not-for-mail@RUTGERS.EDU
Subject: FT-11R Mods
To: info-hams@ucsd.edu

Are there any modifications for the Yeasu FT-11R yet?
I.e. transmitting out of band?

Thanks.
-Nick

Date: Fri, 26 Aug 1994 08:08:11 GMT
From: news.claremont.edu!nntp-server.caltech.edu!mustang.mst6.lanl.gov!
tesuque.cs.sandia.gov!sloth!grosler@uunet.uu.net
Subject: Ham Radio BBS - New Mexico
To: info-hams@ucsd.edu

For any of you who want to try out a really good ham bbs:

In Your Face BBS!
505-891-1424 28.8k Baud
505-891-1425 14.4k Baud

Has over 25k files online.
Has a packet gateway to 145.05mhz.
Has a "real-time" satellite downlink (Planet Connect)
4 CDROMS online.
Caters to hams!

Date: Fri, 26 Aug 1994 22:19:46 GMT
From: pacbell.com!uop!csus.edu!netcom.com!bglover@ames.arpa
Subject: I could use a Beverage
To: info-hams@ucsd.edu

Scott Dorsey (kludge@netcom.com) wrote:

: In article <33ha3o\$jks@geraldo.cc.utexas.edu> oo7@astro.as.utexas.edu (Derek Wills) writes:

: >bbsuser@kd3bj.uucp (General BBS user login) says:

: >

: >>>Beverage is an antenna. It is also known as the wave antenna. It

: >>>is a wire of several wavelengths used to receive, not transmit.

The beverage will work in transmit, it has a variable efficiency depending on length, and frequency you are working. A good tuner with high voltage parts will do for matching it for most cases.

But a low angle radiating vertical and a beverage receive antenna is a better choice. You will put out a bigger signal and likely hear more as well.

Anything you can load into will transmit something...even a dummy load transmits.

Bill Glover ... kk6pw ... CIS 71220,2755 ... bglover@netcom.com
Weimar Software, San Jose, CA

Date: 26 Aug 1994 17:23:11 +0100

From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!pipex!warwick!
uknet!acorn!not-for-mail@network.ucsd.edu

Subject: Info on UK operation needed.

To: info-hams@ucsd.edu

In article <CuooBF.Azw@world.std.com>,

Eric A Cottrell <eac@world.std.com> wrote:

>remailed application. The next cheapest is to send an international money
>order. The problem is that a international money order is issued by paying
>the fee at the local post office and sending a application to Saint Louis
>where the International Money Order is issued. I have run into numerous
>problems with this method as the application and money order do not seem to
>arrive at the same time. The most expensive is to go to a bank and get a
>International Banker's Draft in Pounds Sterling.

We have the same problem sending money to the USA (why can't banks talk across the atlantic when credit card companies manage perfectly well?). One of the cheapest / most convenient ways to obtain an IMO is to go to an American Express office - they seem to be able to sell them over the counter.

-adrian

Date: Fri, 26 Aug 1994 23:08:56 GMT
From: agate!howland.reston.ans.net!europa.eng.gtefsd.com!newsxfer.itd.umich.edu!
isclient.merit.edu!msuinfo!harbinger.cc.monash.edu.au!news.cs.su.oz.au!metro!ipso!
rwc@ames.arpa
Subject: IPS Daily Report - 26 August 94
To: info-hams@ucsd.edu

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 26/2330Z AUGUST 1994 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 26 AUGUST AND FORECAST FOR 27 AUGUST - 29 AUGUST

1A. SOLAR SUMMARY

Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 72/8

GOES satellite data for 25 Aug

Daily Proton Fluence >1 MeV: 3.0E+05

Daily Proton Fluence >10 MeV: 1.4E+04

Daily Electron Fluence >2 MeV: 2.7E+06

X-ray background: LT

Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST

	27 Aug	28 Aug	29 Aug
Activity	Very low	Very low	Very low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 27 Aug: 70/5

2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: quiet

Estimated Indices :	A	K	Observed A Index 25 Aug
Learmonth	7	2223 1122	
Fredericksburg	7		12
Planetary	5		13

Observed Kp for 25 Aug: 2434 3331

2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
27 Aug	6	Quiet
28 Aug	6	Quiet
29 Aug	6	Quiet

3A. GLOBAL HF PROPAGATION SUMMARY

DATE	LATITUDE BAND		
	LOW	MIDDLE	HIGH
26 Aug	normal	normal	normal

PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST

DATE	LATITUDE BAND		
	LOW	MIDDLE	HIGH
27 Aug	normal	normal	normal
28 Aug	normal	normal	normal
29 Aug	normal	normal	normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

Observed

DATE	T-index	MUFs at Sydney
26 Aug	26	near predicted monthly values

Predicted Monthly T-index for August: 20

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
27 Aug	25	Near predicted monthly values
28 Aug	25	Near predicted monthly values
29 Aug	25	Near predicted monthly values

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IPS Regional Warning Centre, Sydney	IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329	PO Box 5606
Recorded Message tel: +61 2 4148330	West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331	AUSTRALIA

Date: Fri, 26 Aug 1994 13:10:19 GMT
From: pacbell.com!amdahl!juts.ccc.amdahl.com!szb50@ames.arpa
Subject: Lightning Bolt Antennas
To: info-hams@ucsd.edu

Likewise, I have had mine for about two years and am quite happy with it. Good materials, easy to construct and put up, no soldering.

Imported mine to the UK on the recommendation of a ham in PA during a Stateside QSO.

Nice to be able to build the thing in two halves and fit each on close to the tower, also just having to use a PL259 to the balun was again child's play. I have the 5-bander.

Regards

Sid.... G3VBV Amdahl(UK) ...

Date: Sat, 27 Aug 1994 03:36:49 GMT
From: nih-csl!arm@uunet.uu.net
Subject: Need cards for Hickock 123 tube tester
To: info-hams@ucsd.edu

The Hickock 123 tube tester uses punch cards to adjust the settings for each tube under test. I am looking for anyone with either:

- 1) a collection of punch cards to sell. (cards from the 121 will not work).
- 2) blank cards to sell.
- 3) a collection of punch cards and the willingness to photocopy some or all the cards.

My primary interest is in cards for early- and pre- 1930's radio tubes, but all punch cards are of interest. Thanks.

Andy Mitz

(home) 301-897-5531

(office) 301-496-4991

--

Andrew Mitz, Biomedical Eng., National Institutes of Health Animal Center, Poolesville, MD | Opinions are mine alone
arm@helix.nih.gov

Date: 26 Aug 94 23:26:57 GMT
From: uswnvg!tconboy@uunet.uu.net
Subject: Origin of "Elmer"?
To: info-hams@ucsd.edu

I've been a ham since 1965, but it seems to me that the term "Elmer", as applied to someone who helps you get started in a ham radio endeavor has only been used during the last 5 years or so.

Who started this "Elmer" stuff, anyway? Was I just hiding under a rock for the last 30 years?

73, Terry

--

Terry Conboy N6RY tconboy@uswnvg.com vm:206-450-8388 fax:206-450-8399
Speaks for neither U S WEST NewVector Group nor AirTouch Communications

Date: 27 Aug 94 12:57:00 GMT
From: news.delphi.com!BIX.com!rpmccoy@uunet.uu.net
Subject: Outbacker, Portable
To: info-hams@ucsd.edu

Jeff,

I use the Outbacker as a portable antenna. The ball mount from a Hustler BM-1 bumper mount fits nicely over a one foot length of 1" PVC, pushed in the ground.

Or, I use the above with a PVC 'H' stand as pictured in the May, 1994 QST article on constructing a small loop antenna, using 1" PVC. The PVC fits well enough to eliminate the need for glue. This allows construction with 2 ' lengths for easy packing.

I use a 1/4 wavelenth counterpoise wire or ground radial. A length cut from 2" copper foil works best, but I also use 300 ohm twin lead shorted at the end, or other insulated wire. Watch for RF burn on the counterpoise! Tape the end of the wire or use the foil when others are not present.

73 s
Dick, N4UN
rpmccoy@bix.com

Date: Fri, 26 Aug 1994 22:05:27 GMT
From: opus-ovh.spk.wa.us!bmork@uunet.uu.net
Subject: pcfans.zip - Network survey & summaries of keeping PCs cool
To: info-hams@ucsd.edu

I have uploaded to the SimTel Software Repository (available by anonymous ftp from the primary mirror site OAK.Oakland.Edu and its mirrors):

SimTel/msdos/info/
pcfans.zip Network survey & summaries of keeping PCs cool

PCFANS.ZIP is an 85+ response survey about PC fan designs and success or failure at keeping one's PC cool. Respondent messages and two summaries (one technical and one highlighting network ops) are included. All solicitations and collection were done over the Amateur packet radio network and the study gives an interesting numerical analysis of network response time.

FreeText. Uploaded by the author.

Brian Mork
bmork@opus-ovh.spk.wa.us
ka9snf@ka7fvv.#ewa.wa.usa
USMail 6006-B Eaker, Fairchild, WA 99011
V:509-244-3764 D:509-244-9260

Date: 27 Aug 1994 04:35:45 GMT
From: nntp.crl.com!jeffj@decwrl.dec.com
Subject: PLSE INCLUDE SASE FOR DIRECT DX QSL CARDS!!!
To: info-hams@ucsd.edu

Sean E. Kutzko (tigger@prairienet.org) wrote:

: After seeing Sharon's post on no SASE's for QSL's I wanted to add
: my two cents' worth.

: I recently went on a trip to 6Y. I worked the CW WW WPX
: CW contest as 6Y7M. This was the first time the 6Y7 prefix was
: activated. While 6Y is not a rare country, I've still received
: hundreds of cards. Many cards included an SASE, and an occasional
: envelope included a \$1 plus an SASE. For this I'm very
: appreciative.
: My advice (for what it's worth): If you have a QSO with ANY
: station, DX or otherwise, and you REALLY, REALLY want that
: card, send an SASE. It shows the operator that you're SERIOUS
: about his card, and they will accomodate you faster than if
: you don't send an SASE. My return rates for my outgoing QSL
: requests skyrocketed whjen I started including SASE's in my
: QSL requests for various awards I was/am pursuing.

I do a talk at Pacific Con in Concord, Ca on Beginning HF. As part of the

talk has to do with DXing I always emphasize that they should always include a self addressed envelope and a \$1 bill when sending their QSL card overseas. If they QSL stateside always include a SASE and a \$1 bill to help cover the QSL managers expenses or the ham's expenses. After all they need our QSL cards from the US like they need a hole in the head! 8-) I also mention that it is a privilege for us to work them and not the other way around. So be polite when in a pileup or when working them. After all they could ignore you or work you and not log you. Hehehe, which is justice served if there ever was! 8-)

On another tack, if any of you have a suggestion on what else I should include in my talk please email me. After all there are 250 new HFer's sitting out there listening to me on how to do it! 8-)

Jeff

AB6MB

Date: 21 Aug 94 00:26:00 GMT
From: pacbell.com!sgiblab!sgigate.sgi.com!olivea!charnel.ecst.csuchico.edu!
yeshua.marcam.com!zip.eecs.umich.edu!newsxfer.itd.umich.edu!europa.eng.gtefsd.com!
howland.reston.ans.net@ihnp4.ucsd.edu
Subject: PolyPhaser Corp. Preside
To: info-hams@ucsd.edu

LW>won't want to miss this show. Sunday at 6:00pm EST on the Talk America
LW>Network in over 20 cities and via TVRO satellite, Spacenet 3, transponder
LW>9, 6.8 audio. To call in and ask a question, call 1-800-298-TALK.
LW>For more information, call 602-241-1510.
LW>73, Len, KB7LPW

Hi Len! Do you offer a tape service for the program? We don't have sat feed, but could play the tapes over the local repeater. Tnx de WB4IUY

X 0LX 2.1 X Earth...a peaceful place, or so it looks from space...

Date: 27 Aug 1994 00:21:22 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!swrinde!
news.uh.edu!news.sccsi.com!nuchat!acs@network.ucsd.edu
Subject: Santec fm-240 PL switch
To: info-hams@ucsd.edu

Can anyone tell me how to activate the PL tone in a Santec fm-240? I have

a borrowed unit with no manual. The rig seems to work right, and the PL tone is set where I want it to be but, the non-COR repeaters that are on 103.5 Hz don't seem to be getting the message. HOW do I turn it on?

Thanks and 73 de A.C. in Houston.

W5EZM

--

A. C. Spraggins	acs@nuchat.sccsi.com
South Coast Computing Services, Inc.	w5ezm@sugarland.ampr.org
P. O. Box 270355	(713) 917-5000
Houston, TX 77277-0355	(713) 917-5005 fax

Date: Fri, 26 Aug 1994 02:24:00 GMT
From: news.cerf.net!gopher.sdsc.edu!nic-nac.CSU.net!charnel.ecst.csuchico.edu!
yeshua.marcam.com!news.kei.com!eff!news.duke.edu!news-feed-1.peachnet.edu!gatech!
howland.reston.ans.@ihnp4.ucsd.edu
Subject: Shuttle Freqs
To: info-hams@ucsd.edu

A>Was wondering if anyone knows the frequencies that the shuttle uses for
>communications to earth or for other uses.

There have been many requests for "where do I find the audio for the Shuttle" on the forum. As mentioned earlier, the Goddard Amateur Radio Club (Greenbelt, MD) re-transmits the audio on a number of HF frequencies, and a number of Amateur Radio repeaters throughout North America also place the Shuttle audio on their output. This system is called "NASA Select Audio", and is usually pulled from a satellite feed or other direct method. This service is available on non-DoD missions. On some launches a video feed is also available, which is then made available on some ATV (Amateur Television) repeaters.

I have summarized those feeds that I know about below, I would encourage you to let me know of any additions or changes that you know about. Keep in mind the list will change as repeaters add or drop the audio. Also, the audio will be present only when there is activity, which is not constant, especially at night. At other times you will probably hear other Hams chatting.

Minneapolis, MN	145.150
Minneapolis, MN	147.120 (WB0BQG/R)
Los Angeles, CA	145.460
Dayton/Columbus, OH	145.110 (WB4LA) (Very Wide Coverage)
Columbus, OH	443.700
Phoenix, AZ	449.000

Ashburn, GA	147.285 (South GA)
San Joaquin Valley, CA	52.220 (Bakersfield to Stockton)
Mountain View, CA	145.580 (NASA-Ames Research Center)
Houston, TX	146.640 (W5RRR) (Johnson Space Center)
Birmingham, AL	145.150 (N4AHN/R)
Birmingham, AL	145.380
Huntsville, AL	147.100 (Marshall Center Amateur RC)
Meritt Island, FL	146.940 (K4GCC/R) (Cape Canaveral area)
Tampa, FL	444.525
St. Petersburg, FL	444.725
Cedar Rapids, IA	146.400 (NN0V)

Amateur Television

San Francisco, CA	427.250 (Mt. Diablo, vert polarization)
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HF Frequencies (May change, varies according to conditions)

3.860 MHz (US and Canada)
7.185 MHz (US and Canada)
14.295 MHz (Worldwide)
21.395 MHz (Worldwide)
28.650 MHz (Worldwide)

* QMPro 1.52 * Dogs come when you call. Cats have answering machines.

Date: (null)
From: (null)

Date: Sat, 27 Aug 1994 03:10:39 GMT
From: news.Hawaii.Edu!kahuna!jeffrey@ames.arpa
To: info-hams@ucsd.edu

References <511@ted.win.net>, <Cv2n1J.KD5@news.Hawaii.Edu>, <516@ted.win.net>ames
Subject : Re: QST the logo/QST the signal --- revisited

In article <516@ted.win.net> mjsilva@ted.win.net (Michael Silva) writes:
>

>In article <Cv2n1J.KD5@news.Hawaii.Edu>, Jeffrey Herman (jeffrey@kahuna.tmc.edu)
writes:

>>In article <511@ted.win.net> mjsilva@ted.win.net (Michael Silva) writes:
>>

>>>I would say that CQ is "Calling *any* station", while QST is "Calling
>>>*all* stations".
>>
>>Well Mike, that would be the wrong thing to say. Moving from the ham
>>bands into the commercial bands CQ means 'calling *all* stations'.
>>
>>Why would a shore station, prior to sending the WX, want to call
>>for 'any' station/ship?
>>
>>Why would a naval vessel, prior to at-sea missile testing, want to
>>call for 'any' station/ship?
>>
>>Both these examples illustrate that (on the professional frequencies)
>>CQ is the general call for *all* stations.
>>
>Uh-oh. Was this a discussion about commercial useage? If so, I'm
>afraid I don't know anything on that subject, so I guess my ignorance
>is both my defense and my bliss.

Well of course you realize Mike that we hams barrowed *all* of our
prosigns from the commercial folks.

When I started Coast Guard RM school in '76 I was so surprised that
the maritime people were using ham prosigns: Q-sigs, CQ, 73, Phillips
Code (TU, SU, ABT, HW, BK, BT,...), et cetera. I was quickly made to
understand that all these originated on the maritime bands and that
hams stole them. Even the dit-dit that many CW ops end their QSO
with is a commercial tradition, and we were told to use it.

The only things that are ham inventions are the dozen or so traffic
handling Q-sigs that the ARRL invented.

73,
Jeff NH6IL

End of Info-Hams Digest V94 #967
